Claim amendments:

The following shows the status of all claims:

Sub B1

1. (Currently Amended) A method in a video production facility system for producing closed caption data for video programming events, comprising:

receiving script data for a video program from a production system used in production of the video program;

determining identifiers of each of multiple ~~individual programming events within~~ segments of the program; and

producing closed caption data for the program, the closed caption data comprising text data corresponding to said script data, and timing data provided at locations corresponding to beginnings of each of the ~~programming events~~ multiple segments of the program, the timing data ~~corresponding~~ that corresponds to a ~~programming event~~ segment comprising an identifier of the corresponding ~~programming event~~segment.

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2. (Currently Amended) The method claimed in claim 1, wherein said closed caption data further comprises timing data provided at locations corresponding to ends of each ~~programming event~~segment.

3. Canceled

4. Canceled

5. (Currently Amended) The method claimed in claim 1, further comprising providing synchronized transmission of the closed caption data and ~~programming events~~ the segments.

6. (Currently Amended) The method claimed in claim 5, wherein providing synchronized transmission comprises synchronizing transmission of the closed caption data to the display of corresponding text by a teleprompter system ~~used~~

~~in the production of~~ to a person who appears in the video program as a reader of the text.

7. (Currently Amended) The method claimed in claim 1, further comprising storing the ~~programming events~~segments of the program and the closed caption data on a machine readable storage medium.

8. (Currently Amended) The method claimed in claim 1, wherein the timing data for a ~~programming event~~segment comprises an identifier associated with the ~~programming event~~ segment and data indicating an amount of time by which the identifier precedes the beginning of the ~~programming event~~segment.

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9. (Currently Amended) The method claimed in claim 1, wherein the timing data for a ~~programming event~~ segment comprises an identifier associated with the ~~programming event~~ segment that is ~~inserted into~~provided in the closed caption data at a location separated from the beginning of the ~~programming event~~ segment by a predetermined amount of time.

10. (Original) The method claimed in claim 1, wherein the timing data is encoded as hidden closed caption data.

11. (Original) The method claimed in claim 1, wherein said timing data is accompanied by a timing data marker.

12. (Original) The method claimed in claim 1, wherein said timing data is encrypted.

13. (Currently Amended) A program-controlled device for ~~providing~~ producing closed caption data for video programming events, the device comprising a computer readable medium having stored therein programming instructions to cause the device to perform processing comprising:

~~at least one processor; and~~

~~memory coupled to the at least one processor and having stored therein programming instructions to perform data processing, comprising:~~

receiving script data for a video program from a production system used in production of the video program;

determining identifiers of each of multiple ~~individual programming events within~~segments of the program; and

producing closed caption data for the program, the closed caption data comprising text data corresponding to said script data, and timing data provided at locations corresponding to beginnings of each of the ~~programming events~~multiple segments of the program, the timing data ~~corresponding~~ that corresponds to a ~~programming event~~ segment comprising an identifier of the corresponding ~~programming event~~segment.

14. (Currently Amended) The device claimed in claim 13, wherein said closed caption data further comprises timing data provided at locations corresponding to ends of each ~~programming event~~segment.

15. Canceled

16. Canceled

17. (Currently Amended) The device claimed in claim 13, further comprising providing synchronized transmission of the closed caption data and ~~programming events~~the segments.

18. (Currently Amended) The device claimed in claim 17, wherein providing synchronized transmission comprises synchronizing transmission of the closed caption data to the display of corresponding text by a teleprompter system ~~used in the production of~~ to a person who appears in the video program as a reader of the text.

19. (Currently Amended) The device claimed in claim 13, further comprising storing the ~~programming events~~segments of the program and the closed caption data on a machine readable storage medium.

20. (Currently Amended) The device claimed in claim 13, wherein the timing data for a ~~programming event~~segment comprises an identifier associated with the ~~programming event~~ segment and data indicating an amount of time by which the identifier precedes the beginning of the ~~programming event~~segment.

21. (Currently Amended) The device claimed in claim 13, wherein the timing data for a ~~programming event~~ segment comprises an identifier associated with the ~~programming event~~ segment that is ~~inserted into~~provided in the closed caption data at a location separated from the beginning of the ~~programming event~~ segment by a predetermined amount of time.

22. (Original) The device claimed in claim 13, wherein the timing data is encoded as hidden closed caption data.

23. (Original) The device claimed in claim 13, wherein said timing data is accompanied by a timing data marker.

24. (Original) The device claimed in claim 13, wherein said timing data is encrypted.

25. (Currently Amended) A method of ~~generating~~ aligning closed caption data ~~for~~ with a corresponding video program, comprising:

producing closed caption data comprising timing data and text data corresponding to at least an audio portion of the video program, the timing data comprising beginning timing data provided at locations in the closed caption data corresponding to beginnings of programming events within the video program;

producing a video signal for the video program; and

synchronizing the closed caption data to the video signal in accordance with the display of corresponding text by a teleprompter system ~~used in the production of~~ to a person who appears in the video program the video as a reader of the text.

26. (Original) The method claimed in claim 25, the timing data further comprising end timing data provided at locations corresponding to ends of programming events.

27. (Currently Amended) The method claimed in claim 25, wherein the beginning timing data ~~further comprising segment beginning timing data provided at locations corresponding to beginnings of segments within the~~ is provided at respective beginnings of multiple programming events that are each one of multiple segments within the video program.

28. (Currently Amended) The method claimed in claim 25, wherein the end timing data ~~further comprising segment end timing data provided at locations corresponding to ends of segments within the~~ is provided at respective ends of multiple programming events that are each one of multiple segments within the video program.

29. (Original) The method claimed in claim 25, further comprising transmitting the synchronized video signal and closed caption data to client video reception devices.

30. (Original) The method claimed in claim 25, further comprising storing the synchronized video signal and closed caption data on a machine readable storage medium.

31. (Original) The method claimed in claim 25, wherein the timing data comprises an identifier associated with a programming event of the television program.

32. (Original) The method claimed in claim 25, wherein the timing data comprises an identifier associated with a programming event of the television program and data indicating an amount of time by which the identifier precedes the beginning of the programming event.

33. (Original) The method claimed in claim 25, wherein the timing data comprises an identifier associated with a programming event of the television program that is inserted into the closed caption data at a location separated from the beginning of a programming event by a predetermined amount of time.

Q2

34. (Original) The method claimed in claim 25, wherein the timing data is encoded as hidden data.

35. (Currently Amended) The method claimed in claim 25, wherein the ~~live~~ television program is a live news program.

36. (Currently Amended) The method claimed in claim 25, wherein the ~~live~~ television program is a live home shopping program.

37. (Original) The method claimed in claim 25, wherein said timing data is accompanied by a timing data marker.

38. (Original) The method claimed in claim 25, wherein said timing data is encrypted.

39. (Currently Amended) A system for ~~providing~~ aligning closed caption data ~~for~~ with a corresponding video program, comprising:

a video signal source providing a video signal of the program;

a closed caption data source providing closed caption data including text data for the video program and timing data for programming events within the video program, the timing data comprising beginning timing data provided at

locations in the closed caption data corresponding to beginnings of programming events within the video program; and

a teleprompter system for displaying text to ~~be read during production of~~ a person who appears in the video program as a reader of the text,

the closed caption data being synchronized to the video signal in accordance with display of corresponding text by the teleprompter system to the person reading the text during production of the video program.

40. (Original) The device claimed in claim 39, the timing data further comprising end timing data provided at locations corresponding to ends of programming events.

41. (Currently Amended) The device claimed in claim 39, wherein the beginning timing data ~~further comprising segment beginning timing data provided at locations corresponding to beginnings of segments within the~~ is provided at respective beginnings of multiple programming events that are each one of multiple segments within the video program.

42. (Currently Amended) The device claimed in claim 39, wherein the end timing data ~~further comprising segment end timing data provided at locations corresponding to ends of segments within the~~ is provided at respective ends of multiple programming events that are each one of multiple segments within the video program.

43. (Original) The system claimed in claim 39, further comprising a storage device for storing the video signal and the synchronized closed caption data on a machine readable storage medium.

44. (Original) The system claimed in claim 39, further comprising a transmitter for providing the video signal and the synchronized closed caption data to a transmission medium.

45. (Original) The device claimed in claim 39, wherein said timing data is accompanied by a timing data marker.

46. (Original) The device claimed in claim 39, wherein said timing data is encrypted.

47. (Currently Amended) A machine readable storage medium storing signals representing a video program, the signals comprising:

a video signal representing a video portion of the video program; and

closed caption data comprising text data corresponding to at least an audio portion of the video program, and timing data comprising identifiers of ~~programming events used in metadata describing the programming events~~respective ones of multiple segments of the video program, the locations of the timing data in the closed caption data ~~corresponding to~~ indicating the beginnings of ~~corresponding programming events~~respective ones of the multiple segments within the video program.

48. (Original) The storage medium claimed in claim 47, wherein said timing data is accompanied by timing data markers.

49. (Original) The storage medium claimed in claim 47, wherein said timing data is encrypted.

50. (Currently Amended) A method in a video production facility system for producing a video, comprising:

~~determining programming events~~identifying each of multiple segments within a video program from production system data received from a production system used to produce the video program;

determining identifiers of each of the multiple segments of the video program~~programming events~~; and

producing a video signal for the program, the video signal comprising timing data provided at locations corresponding to beginnings of each of the

~~programming events~~multiple segments of the video program, the timing data ~~corresponding to a programming event~~ comprising an identifier of the corresponding ~~programming event~~segment.

51. (Currently Amended) The method claimed in claim 50, wherein said video signal further comprises timing data provided at locations corresponding to ends of each ~~programming event~~segment.

52. Canceled

53. Canceled

54. (Original) The method claimed in claim 50, wherein said timing data is provided in vertical blanking intervals of the video signal.

55. (Original) The method claimed in claim 50, wherein said timing data is provided in data fields of a digital video signal.

56. (Original) The method claimed in claim 50, further comprising storing the video signal including the timing data on a machine readable storage medium.

57. (Currently Amended) The method claimed in claim 50, wherein the timing data for a ~~programming event~~ segment comprises an identifier associated with the ~~programming event~~ segment and data indicating an amount of time by which the identifier precedes the beginning of the ~~programming event~~segment.

58. (Currently Amended) The method claimed in claim 50, wherein the timing data for a ~~programming event~~ segment comprises an identifier associated with the ~~programming event~~ segment that is inserted into the video signal at a location separated from the beginning of the ~~programming event~~ segment by a predetermined amount of time.

59. (Original) The method claimed in claim 50, wherein said timing data is accompanied by a timing data marker.

60. (Original) The method claimed in claim 50, wherein said timing data is encrypted.

61. (Currently Amended) A program-controlled device for providing closed caption data for video programming events, the device comprising a computer readable medium having stored therein programming instructions to cause the device to perform processing comprising:

~~at least one processor; and~~

~~memory coupled to the at least one processor and having stored therein programming instructions to perform data processing, comprising:~~

determining ~~programming events~~ each of multiple segments within a video program from production system data received from a production system used to produce the video program;

determining identifiers of each of the multiple segments of the video program~~programming events~~; and

producing a video signal for the program, the video signal comprising timing data provided at locations corresponding to beginnings of each of the ~~programming events~~multiple segments of the video program, the timing data ~~corresponding to a programming event~~ comprising an identifier of the corresponding ~~programming event~~segment.

62. (Currently Amended) The device claimed in claim 61, wherein said video signal further comprises timing data provided at locations corresponding to ends of each ~~programming event~~segment.

63. Canceled

64. Canceled

65. (Original) The device claimed in claim 61, wherein said timing data is provided in vertical blanking intervals of the video signal.

66. (Original) The device claimed in claim 61, wherein said timing data is provided in data fields of a digital video signal.

67. (Original) The device claimed in claim 61, further comprising storing the video signal including the timing data on a machine readable storage medium.

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68. (Currently Amended) The device claimed in claim 61, wherein the timing data for a ~~programming event~~ segment comprises an identifier associated with the ~~programming event~~ segment and data indicating an amount of time by which the identifier precedes the beginning of the ~~programming event~~segment.

69. (Currently Amended) The device claimed in claim 61, wherein the timing data for a ~~programming event~~segment comprises an identifier associated with the ~~programming event~~ segment that is inserted into the video signal at a location separated from the beginning of the ~~programming event~~ segment by a predetermined amount of time.

70. (Original) The device claimed in claim 61, wherein said timing data is accompanied by a timing data marker.

71. (Original) The device claimed in claim 61, wherein said timing data is encrypted.